ELSEVIER

Journal of Photochemistry and Photobiology A: Chemistry 100 (1996) 125

Journal of PHOTOCHEMISTRY AND PHOTOBIOLOGY A:CHEMISTRY

Author Index of Volume 100

Allen, N.S., 101
Arnaut, L.G., 15

Bassani, D.M., 65
Becker, R.S., 57
Bradley, G., 109
Burke, N.A.D., 93

Cao, H.Z., 35
Collin, G.J., 35

Davidson, R.S., 109
De Maré, G.R., 35
Dhami, S., 77
Donovan, R.J., 9

Elisei, F., 57
Evleth, E.M., 35

Formosinho, S.J., 15

Gajdek, P., 57
Guillet, J.E., 93

Hochstrasser, R., 65
Howgate, G.J., 109

Kónya, K., 119
Koshima, H., 85

Lawley, K.P., 9
Leupin, W., 65

Maciejewski, A., 43
Matsuura, T., 85
Mazzucato, U., 57
Min, Z., 9
Mouillat, C.G.J., 109

Phillips, D., 77
Phillips, L.F., 5

Ridley, T., 9

Scaiano, J.C., 119
Spalletti, A., 57
Steer, R.P., 43
Szymanski, M., 43

Templin, M., 93
Turner, P.J., 109
Turro, N.J., 53

Volman, D.H., 1

Wirz, J., 65
Withanage, S.P., 5

Elsevier Science S.A.

ELSEVIER

Journal of Photochemistry and Photobiology A: Chemistry 100 (1996) 127

Journal of PHOTOCHEMISTRY AND PHOTOBIOLOGY A:CHEMISTRY

Subject Index of Volume 100

Aggregates
comparison of the photophysics of an aggregating and non-aggregating aluminium phthalocyanine system incorporated into unilamellar vesicles, 77
Aluminium phthalocyanine
comparison of the photophysics of an aggregating and non-aggregating aluminium phthalocyanine system incorporated into unilamellar vesicles, 77
Atomic oxygen
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5

Bis-intercalators
synthesis of pyrene–acridine bis-intercalators and effects of binding to DNA, 65

CD_3I
two-colour bound–free–bound spectroscopy of the $[^2E_{1/2}]_c6s$ Rydberg states of CH_3I and CD_3I, 9
CH_3I
two-colour bound–free–bound spectroscopy of the $[^2E_{1/2}]_c6s$ Rydberg states of CH_3I and CD_3I, 9
Coatings
photoinitiators for UV and visible curing of coatings: mechanisms and properties, 101
Color reversion
high-intensity laser generation of *ortho*-quinones from 2-methoxyphenols; relevance to the question of color reversion in pulp and paper, 119
Crystallite interface
solid state photoreactions occurring at the interface between crystallites of two different organic compounds, 85
Curing
photoinitiators for UV and visible curing of coatings: mechanisms and properties, 101

Distance dependence
theoretical studies of intramolecular electron transfer reactions: distance and free energy dependences, 15
DNA intercalation
synthesis of pyrene–acridine bis-intercalators and effects of binding to DNA, 65

Ethylene
theoretical characterization of the thermodynamics of the photoisomerizations of ethylene and propylene, 35

Flash photolysis
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Fluorescence quenching
synthesis of pyrene–acridine bis-intercalators and effects of binding to DNA, 65

Elsevier Science S.A.

Free energy dependence
theoretical studies of intramolecular electron transfer reactions: distance and free energy dependences, 15

High-intensity laser generation
high-intensity laser generation of *ortho*-quinones from 2-methoxyphenols; relevance to the question of color reversion in pulp and paper, 119
Hydrogen peroxide–carbon monoxide system
photochemistry of the gaseous hydrogen peroxide–carbon monoxide system. IV. Survey of the rate constant and reaction profile for the $HO_2 + CO \rightarrow CO_2 + OH$ reaction, 1

Internal rotation
the photophysics of thioflavone in solution, 43
Intramolecular electron transfer
theoretical studies of intramolecular electron transfer reactions: distance and free energy dependences, 15

Linear dichroism
synthesis of pyrene–acridine bis-intercalators and effects of binding to DNA, 65

2-Methoxyphenols
high-intensity laser generation of *ortho*-quinones from 2-methoxyphenols; relevance to the question of color reversion in pulp and paper, 119
Mixed crystals
solid state photoreactions occurring at the interface between crystallites of two different organic compounds, 85

$N_2O(010)$
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Nikitin mechanism
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Nitrous oxide
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Non-radiative transitions
the photophysics of thioflavone in solution, 43

ortho-Quinones
high-intensity laser generation of *ortho*-quinones from 2-methoxyphenols; relevance to the question of color reversion in pulp and paper, 119

Paradigm
supramolecular photochemistry. A paradigm for the 1990s?, 53
Perylene
the mechanism of perylene photo-oxidation in a water-soluble polymeric photocatalyst, 93

Photochemistry
photochemistry of the gaseous hydrogen peroxide–carbon monoxide system. IV. Survey of the rate constant and reaction profile for the $HO_2 + CO \rightarrow CO_2 + OH$ reaction, 1
Photoinitiated polymerization
photoinitiated polymerization reactions: application of a new real-time FTIR system for following the rate of polymerization, 109
Photoinitiator .
photoinitiators for UV and visible curing of coatings: mechanisms and properties, 101
Photoisomerization
theoretical characterization of the thermodynamics of the photo-isomerizations of ethylene and propylene, 35
excited state behaviour of some *trans*-stilbene analogues bearing thiophene rings, 57
Photo-oxidation
the mechanism of perylene photo-oxidation in a water-soluble polymeric photocatalyst, 93
Photophysics
the photophysics of thioflavone in solution, 43
comparison of the photophysics of an aggregating and non-aggregating aluminium phthalocyanine system incorporated into unilamellar vesicles, 77
Polymeric photocatalyst
the mechanism of perylene photo-oxidation in a water-soluble polymeric photocatalyst, 93
Propylene
theoretical characterization of the thermodynamics of the photo-isomerizations of ethylene and propylene, 35

Radical pairs
supramolecular photochemistry. A paradigm for the 1990s?, 53
Rate constant
photochemistry of the gaseous hydrogen peroxide–carbon monoxide system. IV. Survey of the rate constant and reaction profile for the $HO_2 + CO \rightarrow CO_2 + OH$ reaction, 1
Rate of polymerization
photoinitiated polymerization reactions: application of a new real-time FTIR system for following the rate of polymerization, 109
Reaction profile
photochemistry of the gaseous hydrogen peroxide–carbon monoxide system. IV. Survey of the rate constant and reaction profile for the $HO_2 + CO \rightarrow CO_2 + OH$ reaction, 1
Real-time FTIR system
photoinitiated polymerization reactions: application of a new real-time FTIR system for following the rate of polymerization, 109
Rydberg states
two-colour bound–free–bound spectroscopy of the $[^2E_{1/2}]_c 6s$ Rydberg states of CH_3I and CD_3I, 9

Solid state bimolecular photoreactions
solid state photoreactions occurring at the interface between crystallites of two different organic compounds, 85
Supercages
supramolecular photochemistry. A paradigm for the 1990s?, 53
Supramolecular photochemistry
supramolecular photochemistry. A paradigm for the 1990s?, 53

Temperature jump
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Theoretical characterization
theoretical characterization of the thermodynamics of the photo-isomerizations of ethylene and propylene, 35
Theoretical studies
theoretical studies of intramolecular electron transfer reactions: distance and free energy dependences, 15
Thermodynamics
theoretical characterization of the thermodynamics of the photo-isomerizations of ethylene and propylene, 35
Thienylethenes
excited state behaviour of some *trans*-stilbene analogues bearing thiophene rings, 57
Thioflavone
the photophysics of thioflavone in solution, 43
Triplet properties
excited state behaviour of some *trans*-stilbene analogues bearing thiophene rings, 57
Two-colour bound–free–bound spectroscopy
two-colour bound–free–bound spectroscopy of the $[^2E_{1/2}]_c 6s$ Rydberg states of CH_3I and CD_3I, 9

Unilamellar vesicles
comparison of the photophysics of an aggregating and non-aggregating aluminium phthalocyanine system incorporated into unilamellar vesicles, 77
UV/visible light
photoinitiators for UV and visible curing of coatings: mechanisms and properties, 101

Vibrational relaxation
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5
Vibrational relaxation by atoms
flash photolysis/temperature jump study of the vibrational relaxation of $N_2O(010)$ by $O(^3P)$ and NO, 5